

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in this application:

1. (Original) A liquid bearing comprising:
 - a first surface;
 - a plurality of nanostructures disposed on at least a first area of said first surface;
 - a second surface;
 - a liquid droplet in contact with said plurality of nanostructures on said first surface and said second surface, said droplet adapted to reduce friction between said at least a first nanostructured surface.
2. (Original) The liquid bearing of claim 1 wherein said first surface is the surface of a component adapted to move laterally with respect to said second surface.
3. (Original) The liquid bearing of claim 1 wherein said first surface is the surface of a component adapted to move rotationally with respect to said second surface.
4. (Original) The liquid bearing of claim 1 wherein said liquid droplet is disposed in a way such that it is suspended substantially on the ends of the nanostructures in said plurality of nanostructures.
5. (Original) The liquid bearing of claim 1 wherein said second surface comprises a plurality of nanostructures.
6. (Original) The liquid bearing of claim 1 wherein the density of a first portion of nanostructures in said plurality of nanostructures is different from the density of a second portion of said nanostructures in said plurality of nanostructures in a way such that said liquid droplet maintains a desired position relative to said first portion of nanostructures.
7. (Cancel).
8. (Cancel).

9. (Cancel).

10. (Original) Apparatus comprising:

a first nanostructured surface having a first plurality of nanostructures disposed thereon;

a second nanostructured surface having a second plurality of nanostructures disposed thereon,

wherein said first nanostructured surface and said nanostructured surfaces comprise surfaces of the same component;

a third surface;

a first liquid droplet in contact with said first plurality of nanostructures and said third surface,

wherein said first liquid droplet is adapted to reduce friction between said first plurality of nanostructures and said third surface;

a fourth surface; and

a second droplet of liquid in contact with said second plurality of nanostructures and said fourth surface,

wherein said second droplet of liquid is adapted to reduce friction between said second plurality of nanostructures and said fourth surface.

11. (Cancel).

12. (Cancel).

13. (Cancel).

14. (Cancel).

15. (Cancel).

16. (Cancel).

17. (Cancel).

18. (Cancel).

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19. (Cancel).

20. (Cancel).

21. (Cancel).